

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

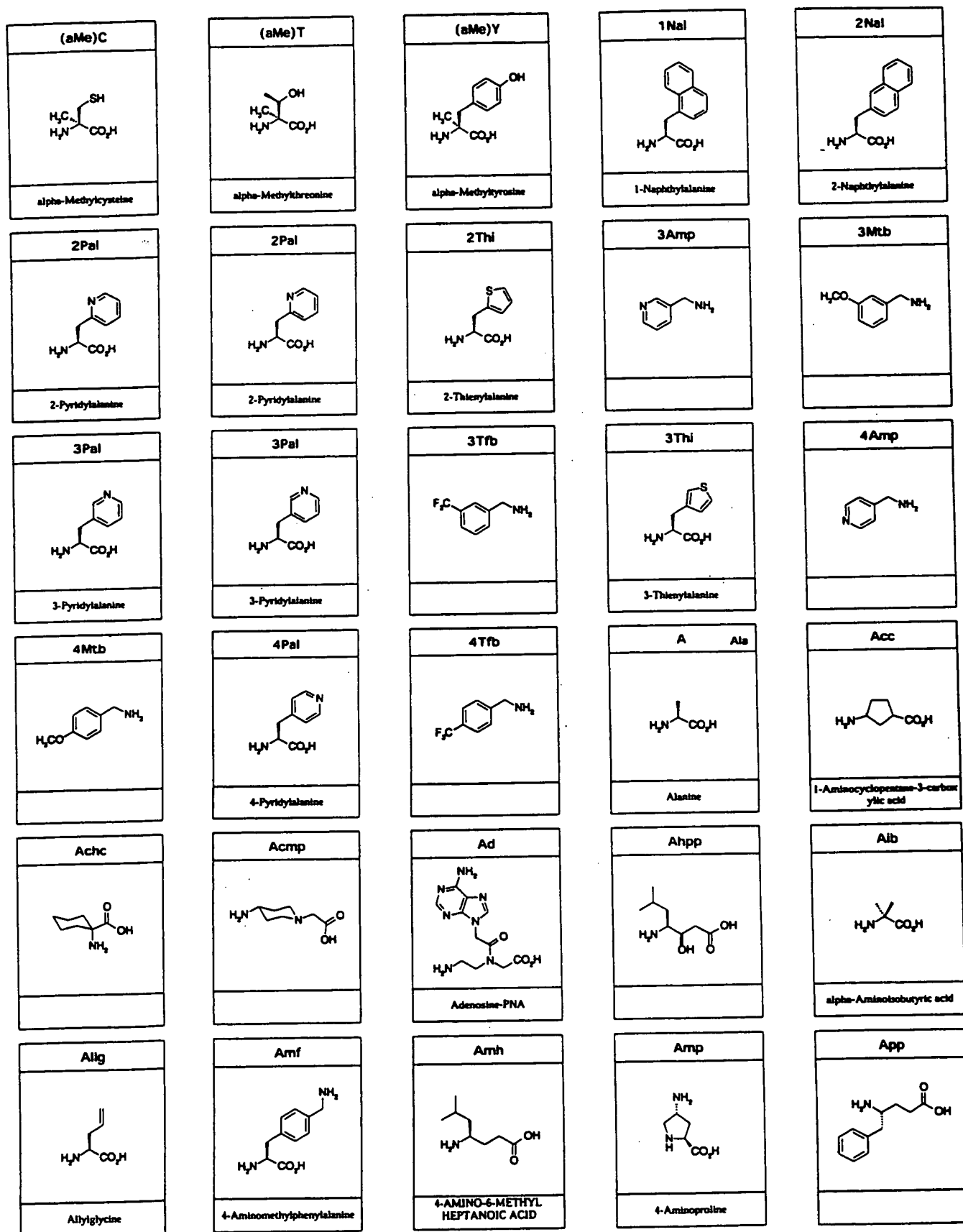
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

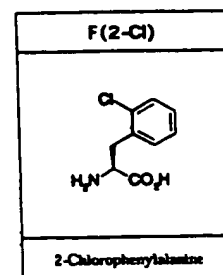
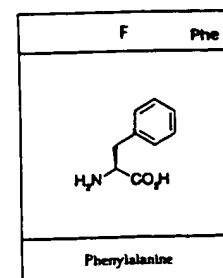
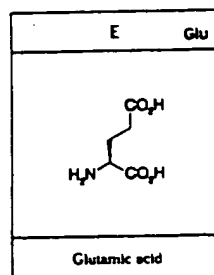
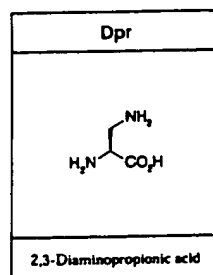
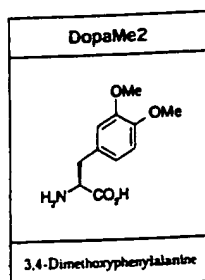
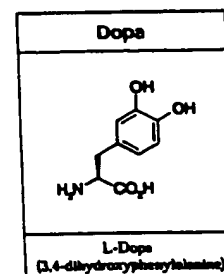
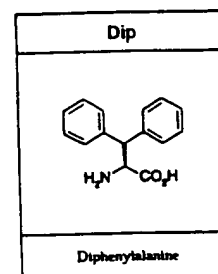
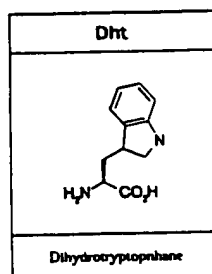
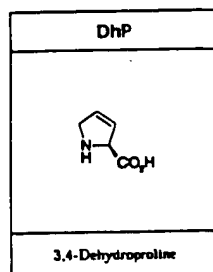
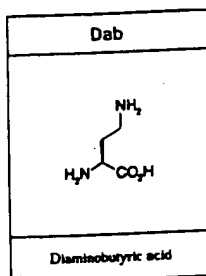
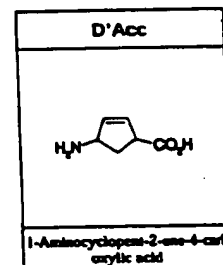
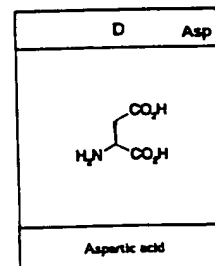
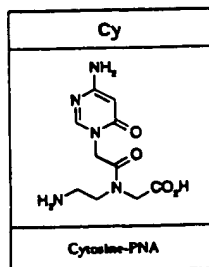
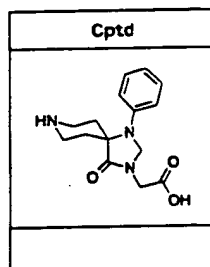
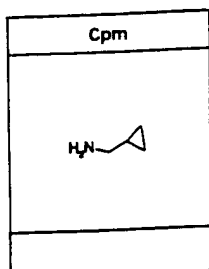
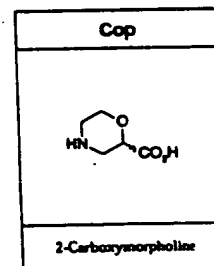
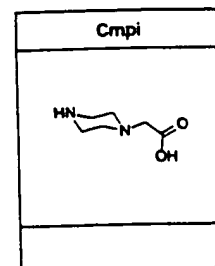
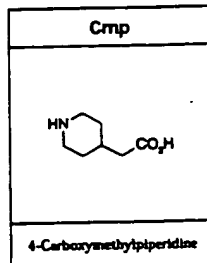
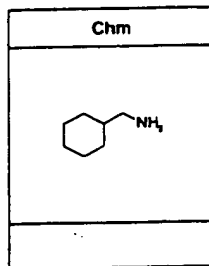
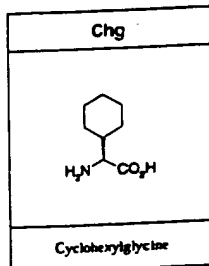
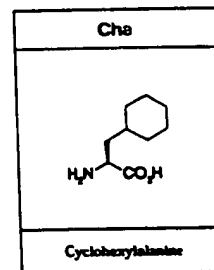
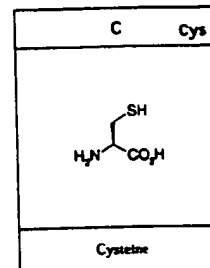
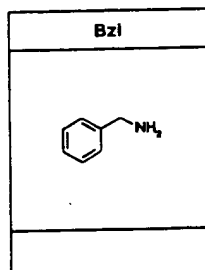
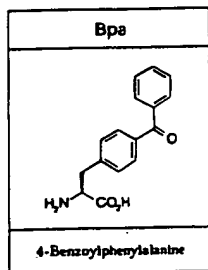
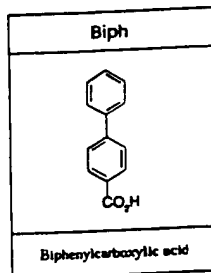
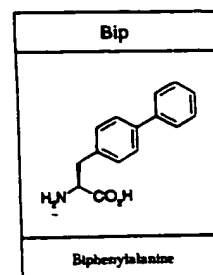
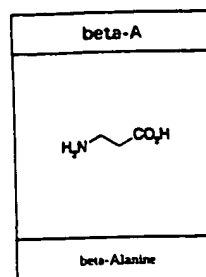
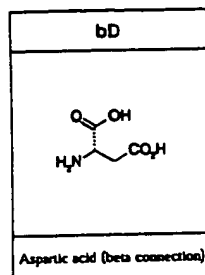
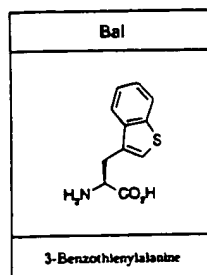
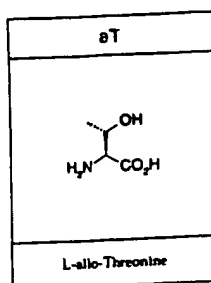
**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Figure 1



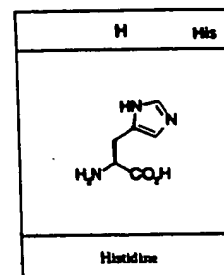
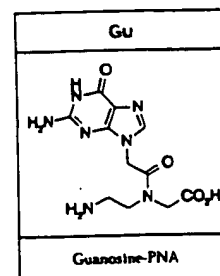
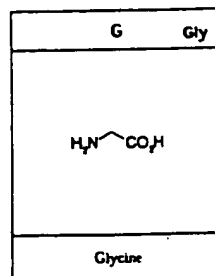
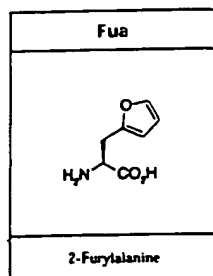
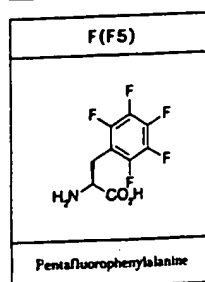
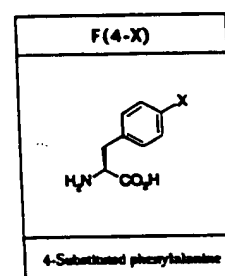
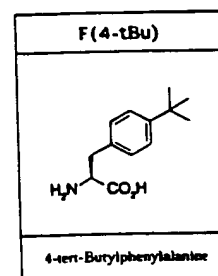
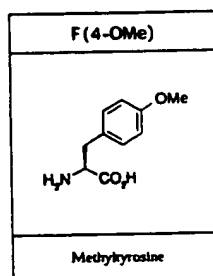
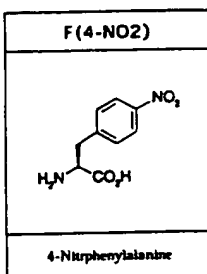
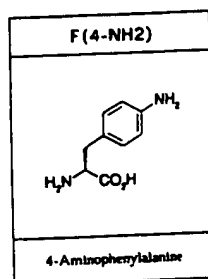
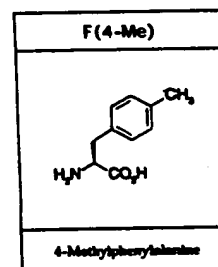
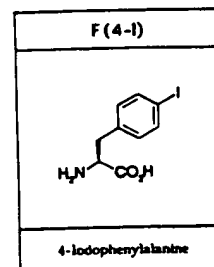
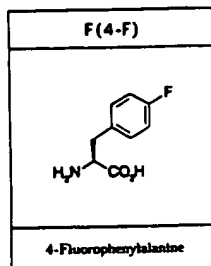
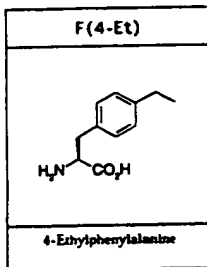
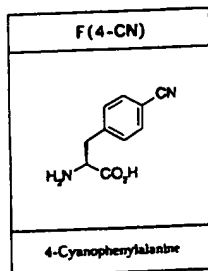
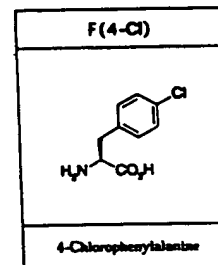
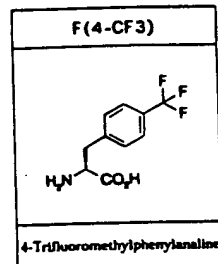
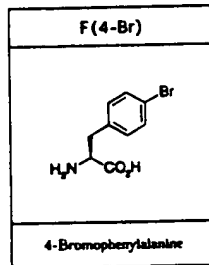
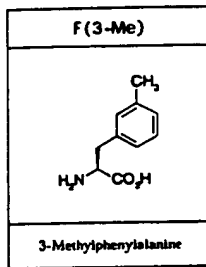
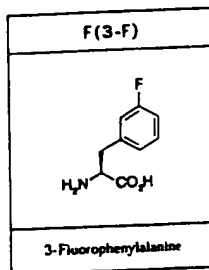
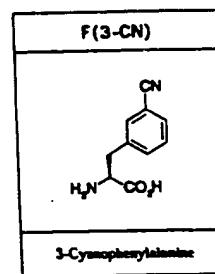
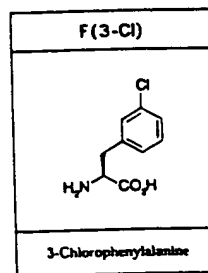
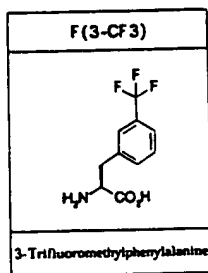
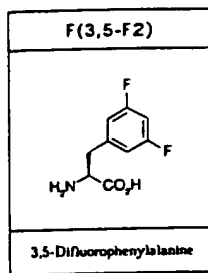
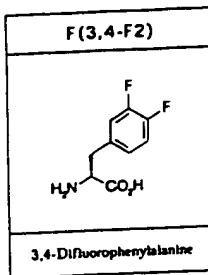
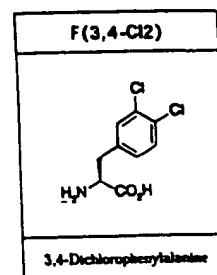
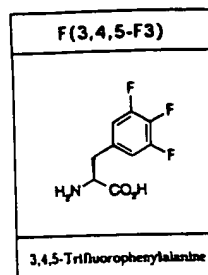
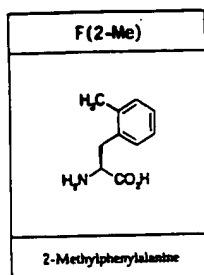
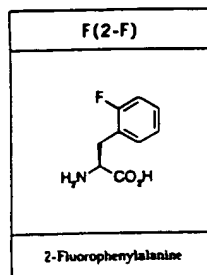
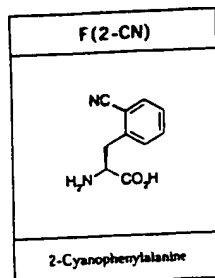
Applicant(s): Zhaoda Zhang et al.

PEPTIDE-BASED MULTIMERIC TARGETED CONTRAST AGENTS



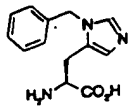
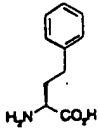
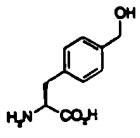
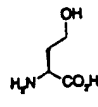
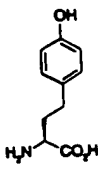
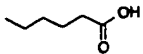
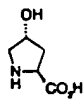



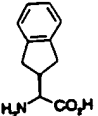
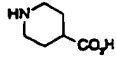
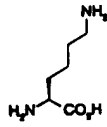

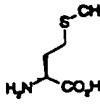
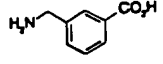
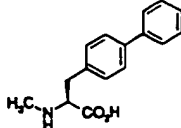
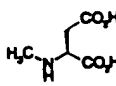
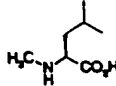
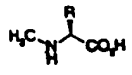
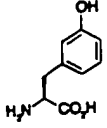
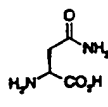
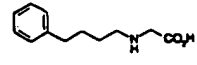
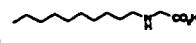

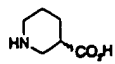
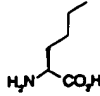
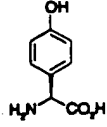
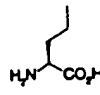
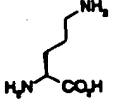
Applicant(s): Zhaoda Zhang et al.

PEPTIDE-BASED MULTIMERIC TARGETED CONTRAST AGENTS

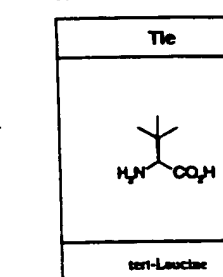
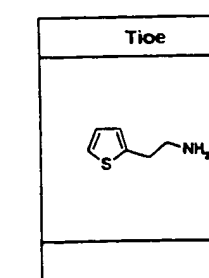
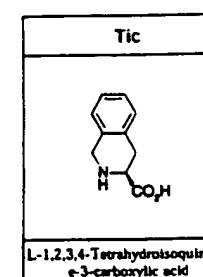
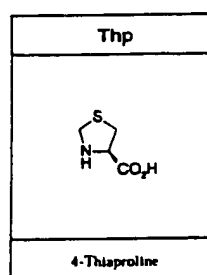
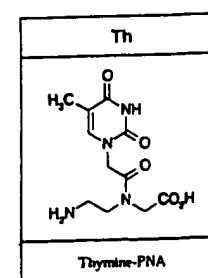
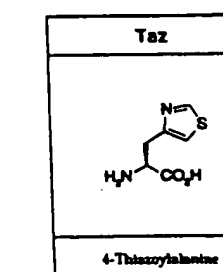
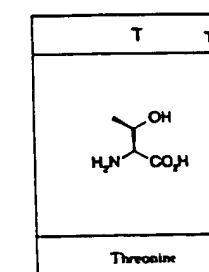
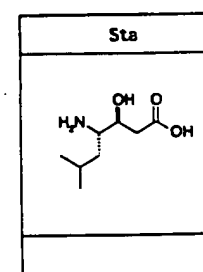
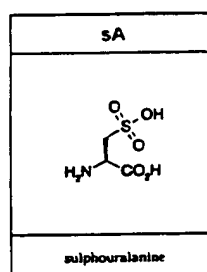
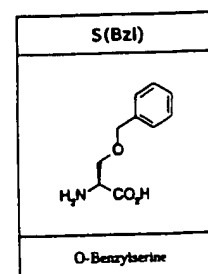
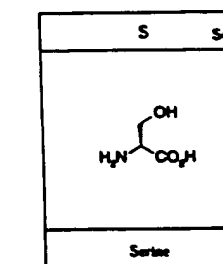
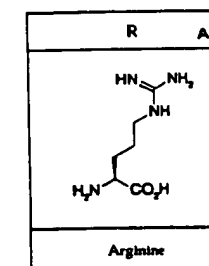
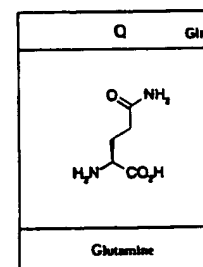
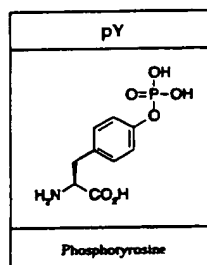
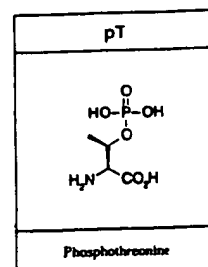
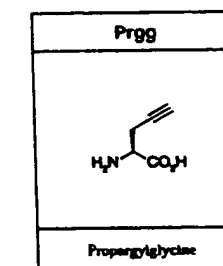
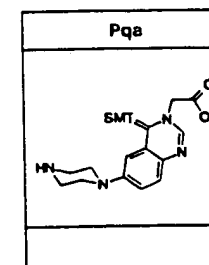
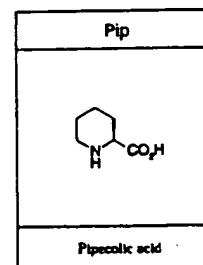
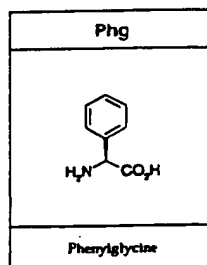
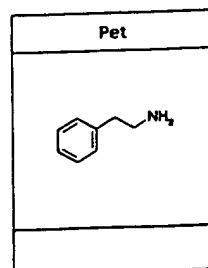
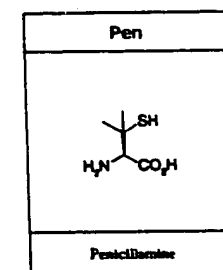
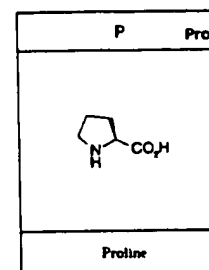
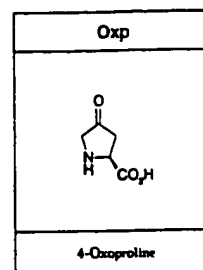
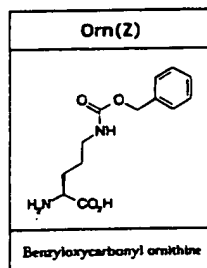
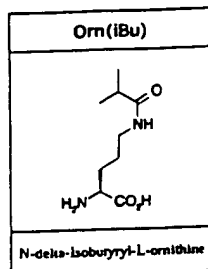
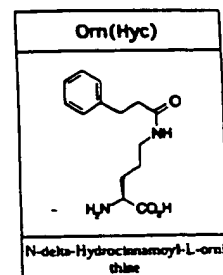
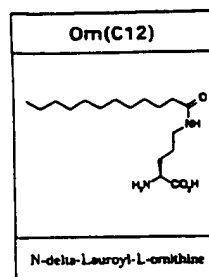
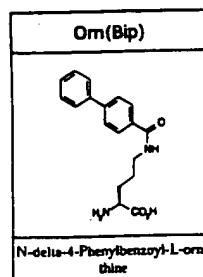
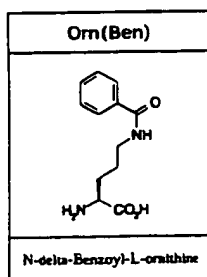
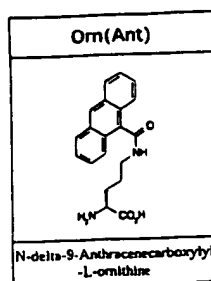


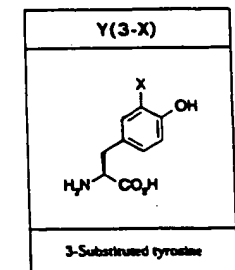
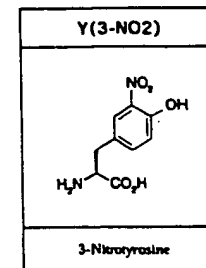
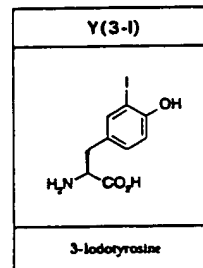
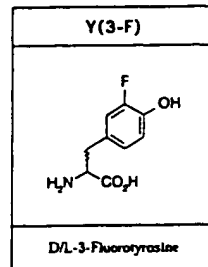
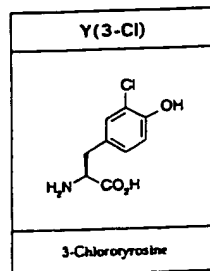
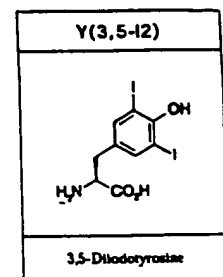
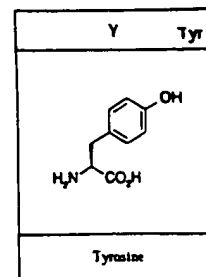
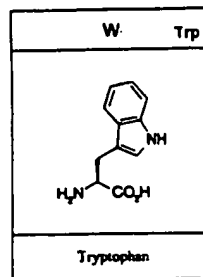
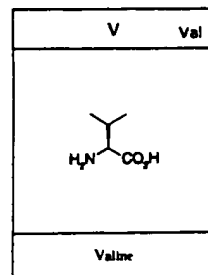
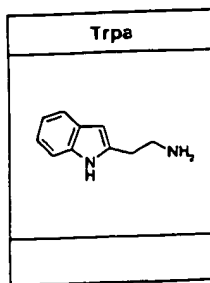
Applicant(s): Zhaoda Zhang et al.

PEPTIDE-BASED MULTIMERIC TARGETED CONTRAST AGENTS

H(Bzl)  N-Benzylhistidine	Hfe  Homophenylalanine	Hmf  4-Hydroxymethylphenylalanine	Hse  Homoserine	hTyr  Homotyrosine
Hx  Hexanoic acid	Hyp  4-Hydroxyproline	I Ile  Isoleucine	Ial  	Ibu 
Igl  2-Indanylglycine	Inp  Isonipecotic acid	K Lys  Lysine	L Leu  Leucine	M Met  Methionine
Mamb  m-Aminomethylbenzoic acid	MeBip  N-Methylbiphenylalanine	MeD  N-Methylaspartic acid	MeL  N-Methylleucine	MeR  N-Methylated amino acid
mTyr  meta-Tyrosine	N Asn  Asparagine	n(4-PhBu)G  N-(4-Phenylbutyl)glycine	n(decyl)G  N-Decylglycine	Nbu 
Nip  Nipepic acid	Nle  Norleucine	nTyr  Nortyrosine	Nva  Norvaline	Orm  Ornithine

PEPTIDE-BASED MULTIMERIC TARGETED CONTRAST AGENTS





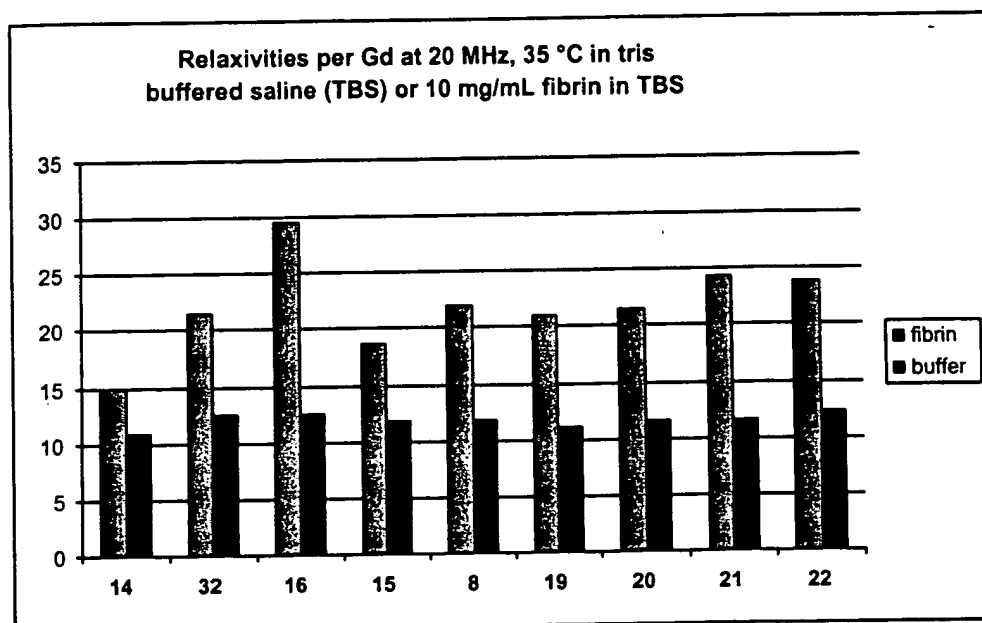


FIG. 2

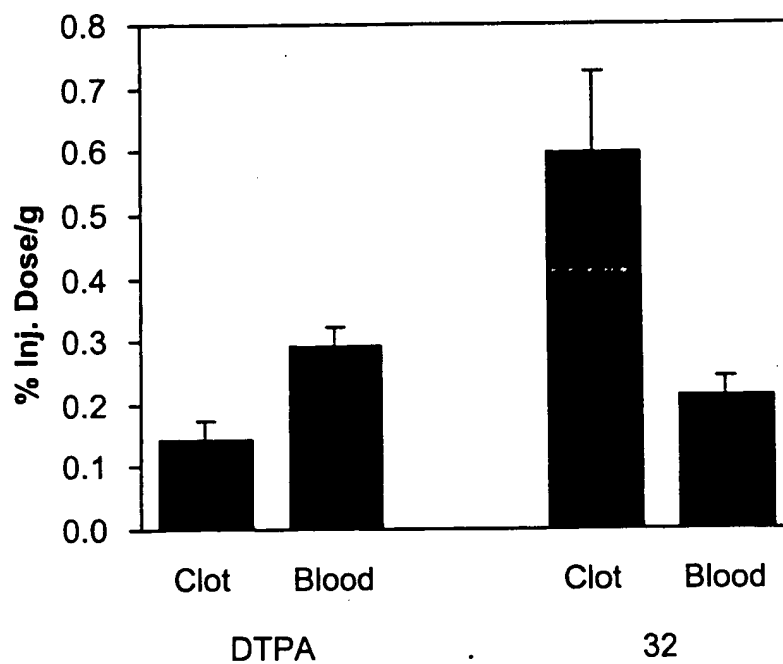
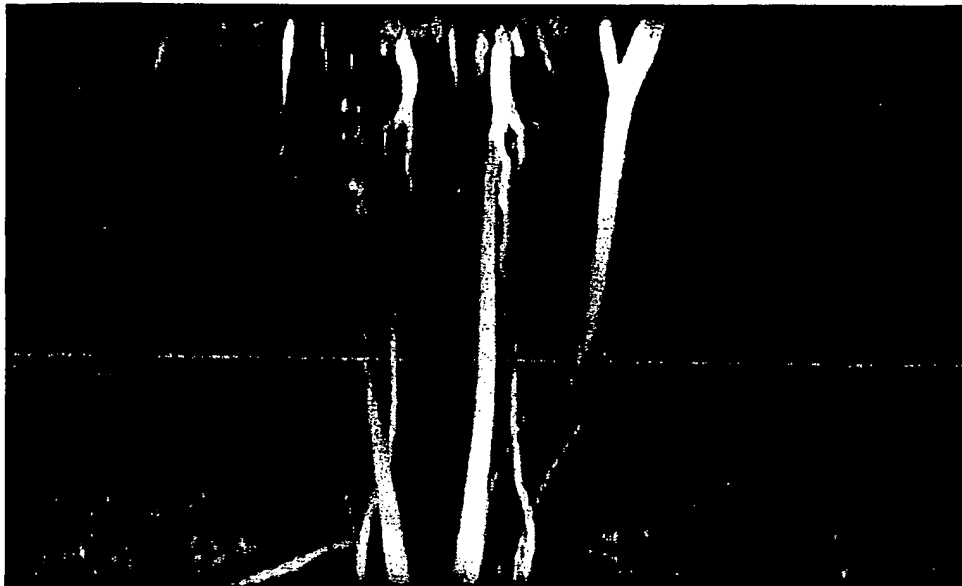
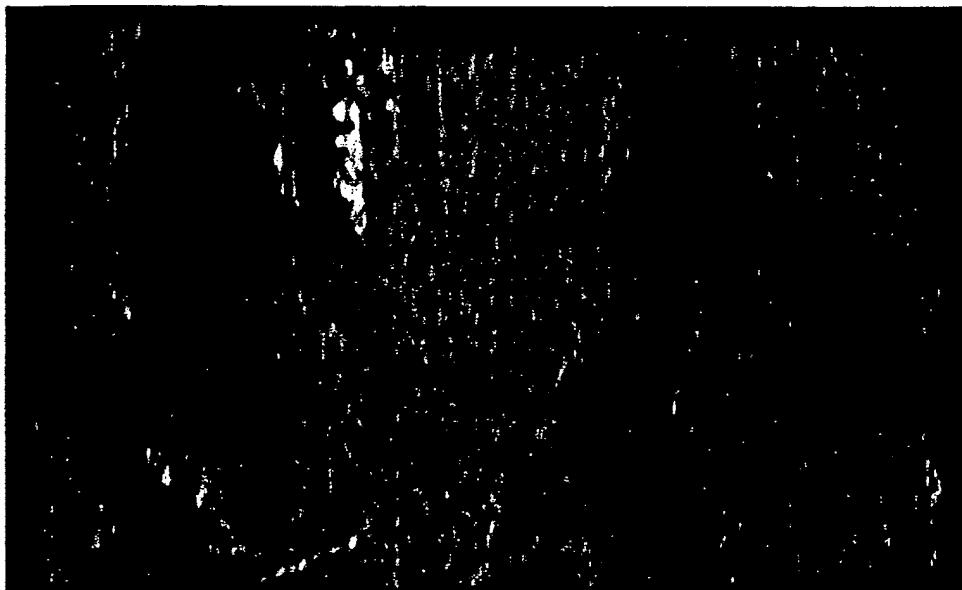


FIG. 3

PEPTIDE-BASED MULTIMERIC TARGETED CONTRAST
AGENTS



A



B

FIG 4